

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-056973  
 (43)Date of publication of application : 04.03.1997

(51)Int.Cl.

D06F 35/00

(21)Application number : 07-214636  
 (22)Date of filing : 23.08.1995

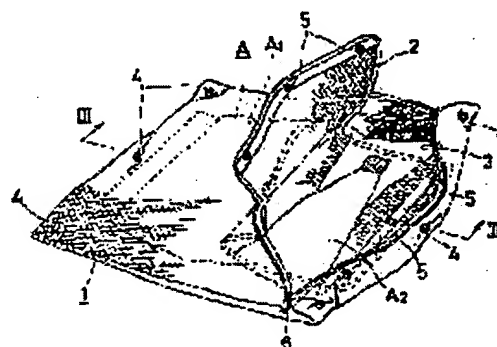
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## (54) NET BAG FOR WASHING SWEATER

## (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a washing net bag special for t sweater used at the time of washing sweater with a washing machine, which is good in the damage preventing effect and shape retention effect for sweater and also can be used as it is for drying.

**SOLUTION:** A belt-like sleeve holder 2 is disposed with only one end thereof sewn in a flat net bag main body 1 capable of storing the body part A1 of a sweater A in spread state, the sleeve part A2 of the sweater A stored in the net bag main body 1 is interposed inside two-folded sleeve holder 2 and held in a locking state, thereby preventing shifting of the sweater in the bag main body.



## LEGAL STATUS

[Date of request for examination] 21.01.1998  
 [Date of sending the examiner's decision of rejection]  
 [Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]  
 [Date of final disposal for application]  
 [Patent number] 2994234  
 [Date of registration] 22.10.1999  
 [Number of appeal against examiner's decision of rejection]  
 [Date of requesting appeal against examiner's decision of rejection]  
 [Date of extinction of right]

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CLAIMS

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[Claim(s)]

[Claim 1] While being made with what is characterized by providing the following, said sleeve supporter (2) When the end sews on the upper bed section within a main part of a bag (1) and considers as the shape of 2 chip boxes in a mounting eclipse and the length direction in one While being made with what can carry out receipt maintenance of the housing part (A2) folded up at an upper surface side of \*\*\*\*\* (A1) of a sweater (A) held in a main part of a bag (1) between the cuff section A string bag for sweater wash characterized by being made with what has this firm attachment means (5) that enables firm attachment of the other end in a response location in the state of housing part receipt maintenance A main part of a bag of the shape of flat [ which was formed in magnitude which can be held where \*\*\*\*\* (A1) of a sweater (A) is extended ] (1) It consists of this main part of a bag (1) established in this main part of a bag (1) from a band-like sleeve supporter with narrow width of face (2). The above-mentioned main part of a bag (1) and a sleeve supporter (2) are a firm attachment means (4) which enables connection of the both ends to mutual in the condition of each being formed with a network background, and a main part of a bag (1) having a bag mouth for sweater receipts and payments (3) which can be freely opened and closed on the whole surface, and having folded up in the shape of 2 chip boxes in pars intermedia of the length direction.

[Claim 2] A main part of a bag (1) is a string bag for sweater wash according to claim 1 constituted by duplex with a bag body (1a) (1b) of two inside and outside.

[Claim 3] A string bag for sweater wash according to claim 2 with which an inside bag body (1a) of a main part of a bag (1) consists of small network grounds relatively [ a mesh ], and an outside bag body (1b) consists of coarse network grounds of a mesh relatively.

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[Translation done.]

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## DETAILED DESCRIPTION

## [Detailed Description of the Invention]

[0001]

[The technical field to which invention belongs] In case this invention washes a sweater with a washer, it relates to the string bag for wash used for bruise prevention of a sweater and mold collapse prevention.

[0002]

[Description of the Prior Art] A sweater has a possibility of the ground not only hurting, but causing mold collapse, when this is put into the \*\*\*\* washer and washed.

[0003] For this reason, in order for a sweater to still shift violently within a bag during wash when putting into string bags, such as a round shape which is conventionally used widely although it puts into a network ground bag which is called a wash bag and washed in many cases, and washing, and to move, it is easy to cause mold collapse. In addition, the time of making it dry after wash -- even if -- if it takes out from a wash bag and hangs and dries to a clothespole etc., the weight of the sweater containing water is heavy -- a cause -- becoming -- mold collapse -- a lifting -- being easy. For this reason, it is necessary to dry so that it may put on \*\*\*\* etc. in the state of expansion and mold collapse may not be carried out, and being not only troublesome but drying efficiency is bad.

[0004] The thing of the shape of flat [ which formed the whole in T typeface so that \*\*\*\*\* and the housing part of a sweater could be contained in the state of expansion ] is recently proposed as a string bag for wash only for sweaters to such a trouble. Such a well-known example can be seen for example, in the registration-of-a-design No. 915575 official report.

[0005]

[Problem(s) to be Solved by the Invention] However, even if it was in the string bag for wash of the shape of this T character, it was that from which each part of the sweater within a bag is large, and a gap motion and the result which should be satisfied in addition in respect of the mold collapse prevention effect by a housing part's lying one upon another on \*\*\*\*\* especially, and the whole becoming massive cannot be obtained during wash. In addition, the string bag for wash itself became entangled with other washing, and the defect which is easy to check the wash effect also had it.

[0006] This invention is the thing which can be dried without hanging on \*\*\*\*\* put into the string bag, and producing mold collapse even if it faces desiccation and which is going to offer the string bag for wash only for practically much more convenient sweaters while it is further excellent in the bruise prevention at the time of washing a sweater with a washer, and the mold collapse prevention effect in view of the defect of elegance such conventionally.

[0007]

[Means for Solving the Problem] A string bag for sweater wash concerning claim 1 of this invention A main part of a bag of the shape of flat [ which was formed in magnitude which can be held where \*\*\*\*\* (A1) of a sweater (A) is extended ] (1), It consists of this main part of a bag (1) established in this main part of a bag (1) from a band-like sleeve supporter with narrow width of face (2). The above-mentioned main part of a bag (1) and a sleeve supporter (2) are formed by each with a network background. A main part of a bag (1) has a bag mouth for sweater receipts and payments (3) which can be freely opened and closed on the whole surface. While being made with what has a firm attachment means (4) which enables connection of the both ends to mutual in the condition of having folded up in the shape of 2 chip boxes in pars intermedia of the length direction, and said sleeve supporter (2) When the end sews on the upper bed section within a main part of a bag (1) and considers as the shape of 2 chip boxes in a mounting eclipse and the length direction in one While being made with what can carry out receipt maintenance of the housing part (A2) folded up at an upper surface side of \*\*\*\*\* (A1) of a sweater (A) held in a main part of a bag (1) between the cuff section It is characterized by being made with what has this firm attachment means (5) that enables firm attachment of the other end in a response location in the state of housing part receipt maintenance.

[0008] Moreover, invention of claim 2 considers a main part of a bag of invention according to claim 1 (1) as an inside-and-outside duplex configuration of an inside bag body (1a) and an outside bag body (1b), and can promote the bruise prevention effect of a sweater under wash further by this.

[0009] Furthermore, invention of claim 3 constitutes relatively [ a mesh ] an inside bag body (1a) of invention of claim 2 from a small network ground. By constituting an outside bag body (1b) from a coarse network ground relatively [ a mesh ], preventing that prevent and have that strong scratch force is added on the surface of a sweater (A), and fluff arises on the surface of a sweater (A) The string bag for wash itself is made [ in which the waist became brave ] tough, and the wash effect is kept good for \*\*\*\* and water flow nature as a good thing.

[0010]

[Embodiment of the Invention] Hereafter, the concrete operation gestalt of this invention is explained.

[0011] The string bag for wash of the sweater concerning this invention consists of a band-like sleeve supporter (2) prepared in a square thru/or \*\*\*\* the main part of a bag of the shape of flat [ which was formed in the longwise rectangle ] (1) and this main part of a bag (1).

[0012] The above-mentioned main part of a bag (1) has the bag mouth for sweater receipts and payments (3) whose closing motion with a fastener (6) has the magnitude which can be held in the shape of flatness where \*\*\*\*\* (A1) of a sweater (A) is extended, and was enabled in the shape of a horizontal single character at one side of the end section.

[0013] Moreover, the main part of a bag (1) is constituted by two bag bodys (1a) (1b) in and abroad at the duplex. And a mesh is fine, for example, the inside bag body (1a) is built with a thin and flexible fine-mesh background with the rhombus mesh of the major axis of 1.0-

1.5mm, and about 0.5-1.0mm of minor axes. On the other hand, the outside bag body (1b) is built with the mesh background with which a mesh is large, for example, rough \*\*\*\*\* became brave with thick [ with the rhombus mesh of the major axis of 5-10mm, and about 3-6mm of minor axes ].

[0014] When constituted by the gestalt of such a double bag, the main part of a bag (1) As opposed to the sweater (A) held in the interior while bearing the strong impact and strong \*\*\*\*\* which are added from the outside at the time of wash and preventing the early breakage from an outside bag body (1b) side The function to prevent that a flexible inside bag body (1a) with a fine screen contacts, and the strong scratch force is added, as a result to prevent fluff thru/or peeling occurring on a sweater (A) front face, and being damaged is achieved.

[0015] The main part of a bag (1) is stopped to the both ends, it has firm attachment means (4), such as \*\*, and both-ends entirely may be mutually connected by making the whole into the shape of 2 chip boxes. Although this is used mainly at the time of desiccation of the sweater after wash (A) so that it may mention later, it may be used at the time of wash.

[0016] a sleeve supporter (2) is the same as that of the outside bag body (1b) of said main part of a bag (1) -- rough -- from the mesh ground where a \*\*\*\* mesh is coarse -- becoming -- the breadth and length of the main part of a bag (1) -- \*\*\*\* -- it is the band-like thing which has narrow breadth and length. And while sewing on in the main part of a bag (1) and carrying out cementation unification in the end section of the side which has a bag mouth for sweater receipts and payments (3), the end The other end is made with a free end, and stops this free end in the condition of having turned up in the shape of 2 chip boxes from the pars intermedia of the length direction as shown in drawing 3, and firm attachment connection may be carried out with firm attachment means (5), such as \*\*, by the response part by the side of said end.

[0017] The above-mentioned string bag for sweater wash opens the bag mouth for sweater receipts and payments (3), and holds a sweater (A) in the interior. Under the present circumstances, \*\*\*\*\* (A1) of a sweater (A) is located in the sleeve supporter (2) bottom, and that whole is extended in the expansion condition flat, and is held in it. And both the housing parts (A2) (A2) of a sweater (A) are turned up to the reverse sense at the 1 half section upper surface side of a sleeve supporter (2), respectively, it arranges in the shape of flatness, other halves section which is subsequently a sleeve supporter (2) is turned up to an upper surface side, and the point is attached firmly to a response location with a firm attachment means (5). Thereby, both the housing parts (A2) (A2) of a sweater (A) are put between the cuff sections of a sleeve supporter (2), and are stabilized.

[0018] Then, finally, with a fastener (6), closing and after [ if it requires further ] linking both ends with a firm attachment means (4) by making the whole string bag into the shape of 2 chip boxes, the bag mouth for receipts and payments (3) is put into a washer, and is washed.

[0019] It is during wash and this also has it conjointly prevented [ sweater / in a string bag / (A) ], when both housing parts (A2) (A2) have the free motion restrained by the sleeve supporter (2) that move freely, or the skirt section bends by being held within a bag at stability, and the whole \*\*\*\*\* (A1) also becomes massive.

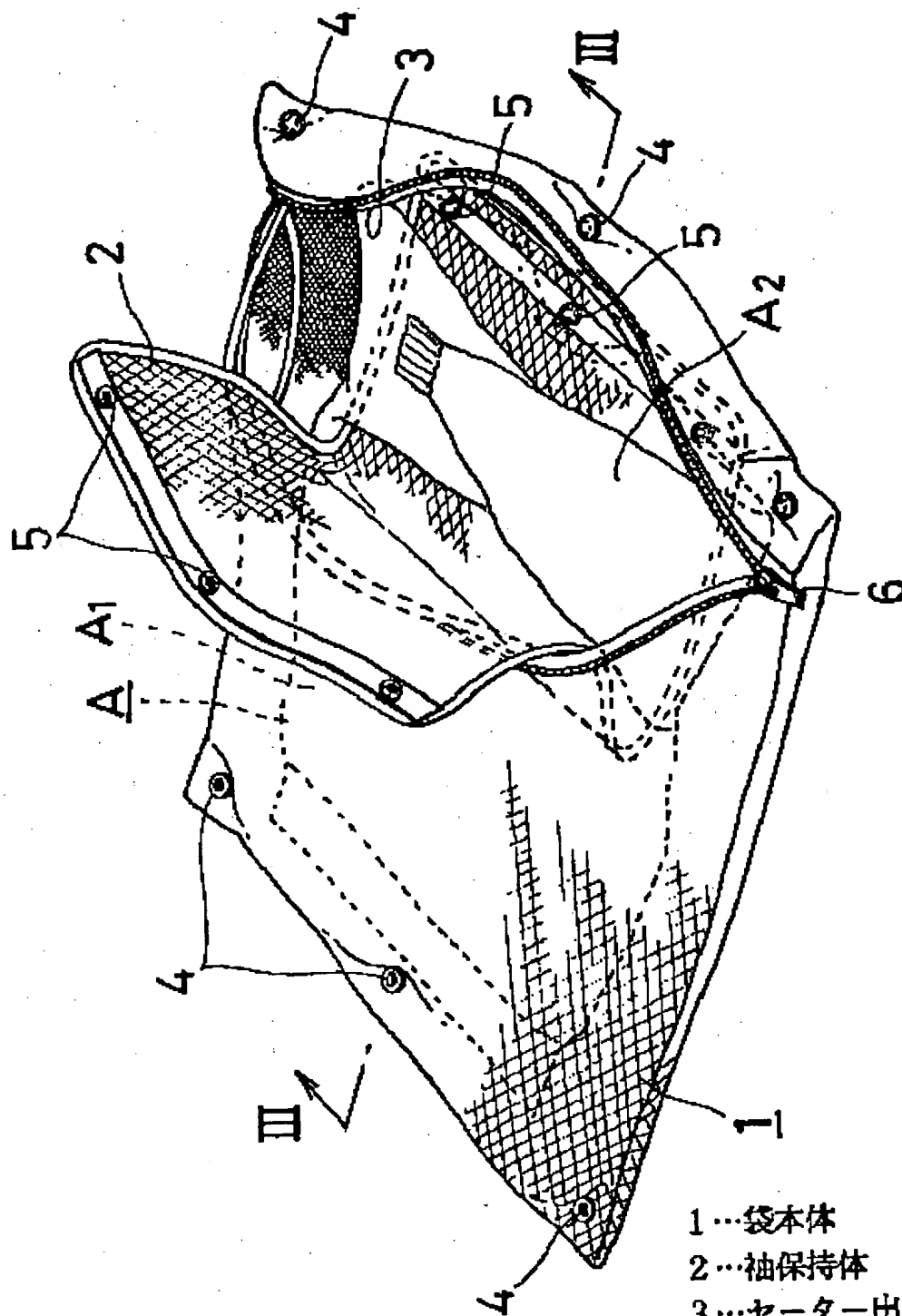
[0020] \*\*\*\* which was put into this string bag according to [ although it was good also as that with which picks out after wash and a sweater (A) from a string bag, and desiccation is presented suitably ] the string bag of this invention, and its whole can be hung on a wash beam (B) at the shape of 2 chip boxes, as shown in drawing 4, both ends can be connected with a firm attachment means (4), and scale \*\*\*\* desiccation of the omission prevention can be carried out. It restrains that a sweater (A) shifts at this time and the string bag for wash runs by that interior at it, it prevents a housing part (A2) (A2) hanging down, and becoming going down-like, and can prevent producing mold collapse into a sweater (A).

[0021] In addition, layout-modification of those other than the above-mentioned operation gestalt is possible for the string bag for sweater wash concerning this invention. For example, the main part of a bag (1) is good also as what formed the configuration in trapezoidal shape etc., and good also as what prepares the bag mouth for sweater receipts and payments (3) in a lengthwise direction in the center section of the main part of a bag (1). Moreover, it is good also as a thing using a field fastener as the firm attachment means (4) of the main part of a bag (1), and a firm attachment means (5) of a sleeve supporter (2).

[0022] [Effect of the Invention] If it is in the string bag for sweater wash concerning claim 1 of this invention, by restraining the housing part of a sweater within a string bag, into a string bag, the whole sweater can be held stably and \*\*\*\* wash can be carried out. And since it does not have a part for a lobe in the string bag itself, there are few possibilities of becoming entangled with other washing. Therefore, there is also no possibility of a sweater not being damaged and producing mold collapse, and a sweater can be safely washed convenient with a washer. [0023] Moreover, by hanging and drying in \*\*\*\*\* put into the string bag, mold collapse is caused also to the desiccation after wash, and since it cannot be afraid and can dry, it is convenient also desiccation.

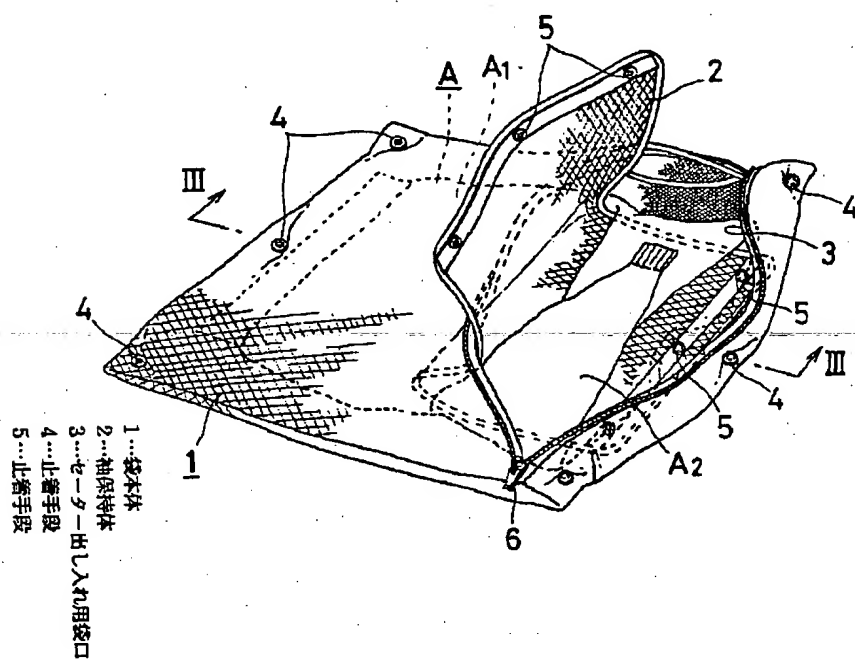
[0024] Moreover, in the string bag for wash of invention concerning claim 2, the bruise prevention effect of the sweater under wash could be promoted, and if it was in the string bag for wash further applied to claim 3, the wash effect should be held good and it should excel in \*\*\*\* and endurance.

[Translation done.]



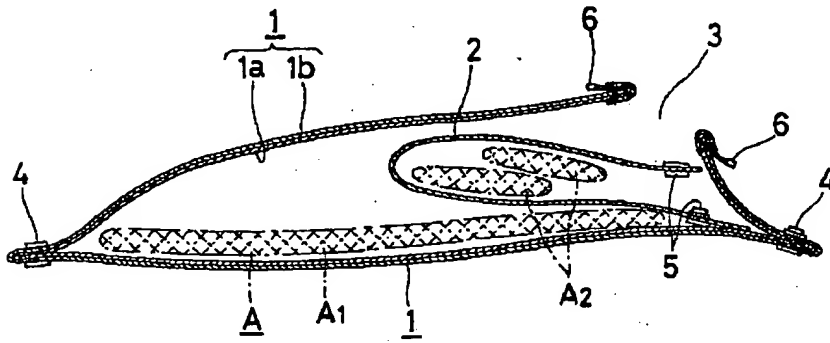
- 1…袋本体
- 2…袖保持体
- 3…セーター出し入れ用袋口
- 4…止着手段
- 5…止着手段

Drawing selection drawing 2



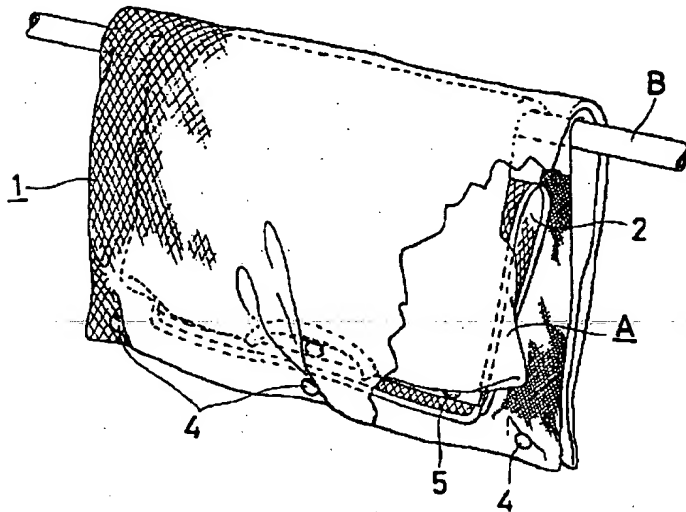
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Drawing selection drawing 3



[Translation done.]

Drawing selection drawing 4



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